

CATHAY DEEP WELL DISPOSAL LLC
4901 Evans Ave.
Valparaiso, IN 46383



United States Environmental Protection Agency
WU - 16 - J
77 West Jackson Boulevard
Chicago, IL 60604-3590

Attn.: Director, UIC Branch, Direct Implementation

RE: Monthly Operating Report for Injection Wells
IN-127-1I-C007
IN-127-1I-C008

RECEIVED

AUG 31 2009

UIC BRANCH
EPA REGION 5

August 2009

Dear Sir/Madam:

Attached are the monthly operating reports for Cathay Deep Well Disposal LLC at Valparaiso, Indiana for the month of July 2009.

Well C007 was in service the full month. The stimulation and reassembly of well C008 was complete and potentially available for service on July 7th. The annulus piping system was reinstalled for automated pressure tracking and adjustment. The surface injection line piping has not been completed.

No effluent limitations were exceeded. In addition to source 1 fluid generated by the Cathay facility, injected fluid consisted of sources itemized on Page 2.

Permit limits for annulus pressure, injection pressure and annulus tubing differential were not exceeded. There was no non-compliance, there were no unplanned events that triggered an alarm or automatic shut down device in this reporting period.

The daily specific gravity data points are not included in this report. The lab instrument used for this is being repaired. The waste analytical included has specific gravity measurement data.

Annulus fluid levels are reported as percentage full in the storage tanks. Annulus fluid tabulation is in gallons. Temperatures are in degrees F.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Respectfully,

Rob Black
Plant Manager
Cathay Deepwell disposal LLC

Prepared by: R. F. Trapp, IN class D #12652

United States Environmental Protection Agency
WU - 16 - J
77 West Jackson Boulevard
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Attn.: Director, UIC Branch, Direct Implementation

RE: Monthly Operating Report for Injection Wells
IN-127-11-C007
IN-127-11-C008

Source 09 - 100,000 gallons

Source 18 - 15,000 gallons

Source 27 - 36,000 gallons

Source 42 - 46,916 gallons

Cathay Deepwell Disposal LLC
4901 Evans Avenue
Valparaiso, IN 46383

Permit No. IN127-11-C007
Outfall/ Fac. No. 001
Month/Year Jul-09

Day	Maximum Inject PSIG	Annulus Fluid Level	Minimum Annulus PSIG	Min dP	Injectate Temp Avg.	Spec. Gravity	Total Gallons	Run Hours	GPM AVG
1	405.0	79.9	587.8	227.1	87.2		158,720	24.0	110.2
2	475.6	79.6	636.5	225.7	85.2		267,776	24.0	186.0
3	✓ 480.6	79.6	549.6	227.3	84.3		196,096	24.0	136.2
4	304.9	79.8	529.5	225.8	86.0		107,904	24.0	74.9
5	311.5	79.8	539.6	235.3	85.6		107,904	24.0	74.9
6	476.9	79.0	255.4	225.2	86.1		64,192	23.8	45.0
7	454.0	79.5	613.4	226.7	87.7		218,752	24.0	151.9
8	376.2	79.8	553.2	226.4	87.2		122,624	24.0	85.2
9	377.6	79.8	572.6	234.2	89.3		145,664	24.0	101.2
10	413.7	79.7	568.2	224.9	89.0		183,424	24.0	127.4
11	343.5	80.0	573.3	231.8	92.5		143,936	24.0	100.0
12	342.0	79.9	532.9	225.7	89.3		108,992	24.0	75.7
13	307.7	79.9	543.2	236.6	89.0		107,968	24.0	75.0
14	325.0	79.5	533.0	226.0	89.7		107,968	24.0	75.0
15	421.5	79.5	562.6	226.1	87.8		212,800	24.0	147.8
16	420.2	79.6	585.0	237.8	88.1		152,000	24.0	105.6
17	347.7	79.8	570.3	226.0	88.0		143,936	24.0	100.0
18	348.4	79.6	569.0	225.4	84.2		143,808	24.0	99.9
19	349.5	79.6	554.0	230.7	83.2		115,456	24.0	80.2
20	311.1	79.3	544.1	236.4	82.9		107,904	24.0	74.9
21	347.2	79.6	556.2	241.2	86.8		112,256	24.0	78.0
22	375.8	79.6	580.0	226.2	88.0		144,320	24.0	100.2
23	385.3	79.6	557.2	227.4	86.9		175,936	24.0	122.2
24	310.3	79.7	534.0	226.8	87.0		107,904	24.0	74.9
25	452.7	79.4	547.6	227.6	86.7		202,688	24.0	140.8
26	352.2	79.6	573.9	226.7	86.3		143,872	24.0	99.9
27	389.5	79.6	587.5	227.9	88.0		157,312	24.0	109.2
28	357.8	79.5	561.6	225.9	87.3		137,728	24.0	95.6
29	321.9	79.6	556.6	236.7	87.1		107,904	24.0	74.9
30	319.8	79.6	534.5	232.7	87.2		107,968	24.0	75.0
31	375.4	79.5	250.8	226.1	86.5		119,424	23.6	84.2
	MAX	AVG	MIN	MIN	AVG	AVG	TOTAL	TOTAL	AVG
	480.6	79.6	250.8	224.9	87.1		4,435,136	743.4	99.4

Min dP: Daily simultaneous minimum annulus and injection pressure differentials

	Gallons
Monthly	4,435,136
Year to date	24,885,504
Lifetime	912,260,184

Cathay Deepwell Disposal LLC
 4901 Evans Avenue
 Valparaiso, IN 46383

Permit No. IN127-11-C008
 Outfall/ Fac. No. 001
 Month/Year Jul-09

Day	Maximum Inject PSIG	Annulus Fluid Level	Minimum Annulus PSIG	Min dP	Injectate Temp Avg.	Spec. Gravity	Total Gallons	Run Hours	GPM AVG
1	0.0	51.2	0.0	0.0	87.2		0	0.0	0.0
2	0.0	51.1	0.0	0.0	85.2		0	0.0	0.0
3	0.0	51.1	0.0	0.0	84.3		0	0.0	0.0
4	0.0	51.1	0.0	0.0	86.0		0	0.0	0.0
5	0.0	51.1	0.0	0.0	85.6		0	0.0	0.0
6	0.0	51.1	0.0	0.0	86.1		0	0.0	0.0
7	0.0	51.1	630.0	630.0	87.7		0	0.0	0.0
8	0.0	51.2	584.0	584.0	87.2		0	0.0	0.0
9	0.0	51.2	297.5	297.5	89.3		0	0.0	0.0
10	0.0	51.2	295.3	295.3	89.0		0	0.0	0.0
11	0.0	51.2	293.4	293.4	92.5		0	0.0	0.0
12	0.0	50.8	292.2	292.2	89.3		0	0.0	0.0
13	0.0	50.7	275.0	275.0	89.0		0	0.0	0.0
14	0.0	50.6	275.0	275.0	89.7		0	0.0	0.0
15	0.0	50.6	277.9	277.9	87.8		0	0.0	0.0
16	0.0	50.6	285.5	285.5	88.1		0	0.0	0.0
17	0.0	50.6	277.3	277.3	88.0		0	0.0	0.0
18	0.0	50.5	275.0	275.0	84.2		0	0.0	0.0
19	0.0	50.5	275.1	275.1	83.2		0	0.0	0.0
20	0.0	50.4	276.6	276.6	82.9		0	0.0	0.0
21	0.0	50.4	289.3	289.3	86.8		0	0.0	0.0
22	0.0	50.4	284.1	284.1	88.0		0	0.0	0.0
23	0.0	50.4	283.6	283.6	86.9		0	0.0	0.0
24	0.0	50.4	282.5	282.5	87.0		0	0.0	0.0
25	0.0	50.3	279.8	279.8	86.7		0	0.0	0.0
26	0.0	50.2	277.5	277.5	86.3		0	0.0	0.0
27	0.0	50.0	288.8	288.8	88.0		0	0.0	0.0
28	0.0	50.1	289.3	289.3	87.3		0	0.0	0.0
29	0.0	49.6	295.7	295.7	87.1		0	0.0	0.0
30	0.0	49.5	294.3	294.3	87.2		0	0.0	0.0
31	0.0	49.5	292.4	292.4	86.5		0	0.0	0.0
	MAX	AVG	MIN	MIN	AVG	AVG	TOTAL	TOTAL	AVG
	0.0	50.6	275.0	275.0	87.1		0	0.0	0.0

Min dP: Daily simultaneous minimum annulus and injection pressure differentials

Gallons
 Monthly 0
 Year to date 926,528
 Lifetime 800,303,918

Cathay Deepwell Disposal LLC
 Evans Avenue
 Valparaiso, Indiana 46383

Annulus Fluid

Well C007

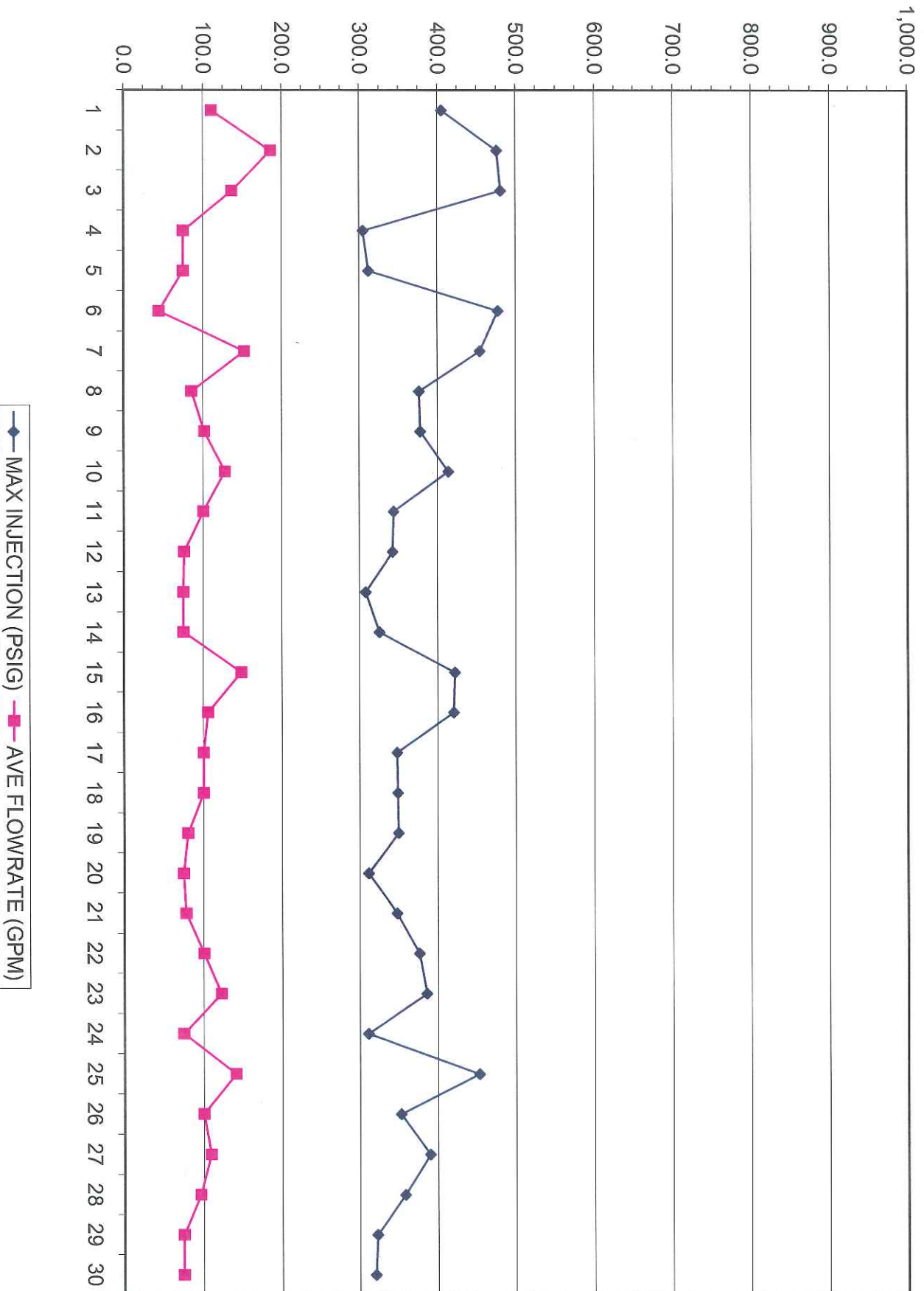
	A	B	C	D	A-B+C-D
Month Date	Annulus Fluid added this month	Annulus Fluid subtracted this month	Fluid added previous 11 months	Fluid subtracted previous 11 months	Annulus Fluid 12-month Tabulation
7/31/08	0	0	0	0	0
8/31/08	0	0	0	0	0
9/30/00	0	0	0	0	0
10/31/08	0	0	0	0	0
11/30/08	0	0	0	0	0
12/31/08	0	0	0	0	0
1/30/09	0	0	0	0	0
2/28/09	0	0	0	0	0
3/30/09	0	0	0	0	0
4/30/09	0	0	0	0	0
5/31/09	0	0	0	0	0
6/30/09	308	0	0	0	308
7/31/09	0	0	308	0	308
					0
					0
					0
					0
					0
					0

Well C008

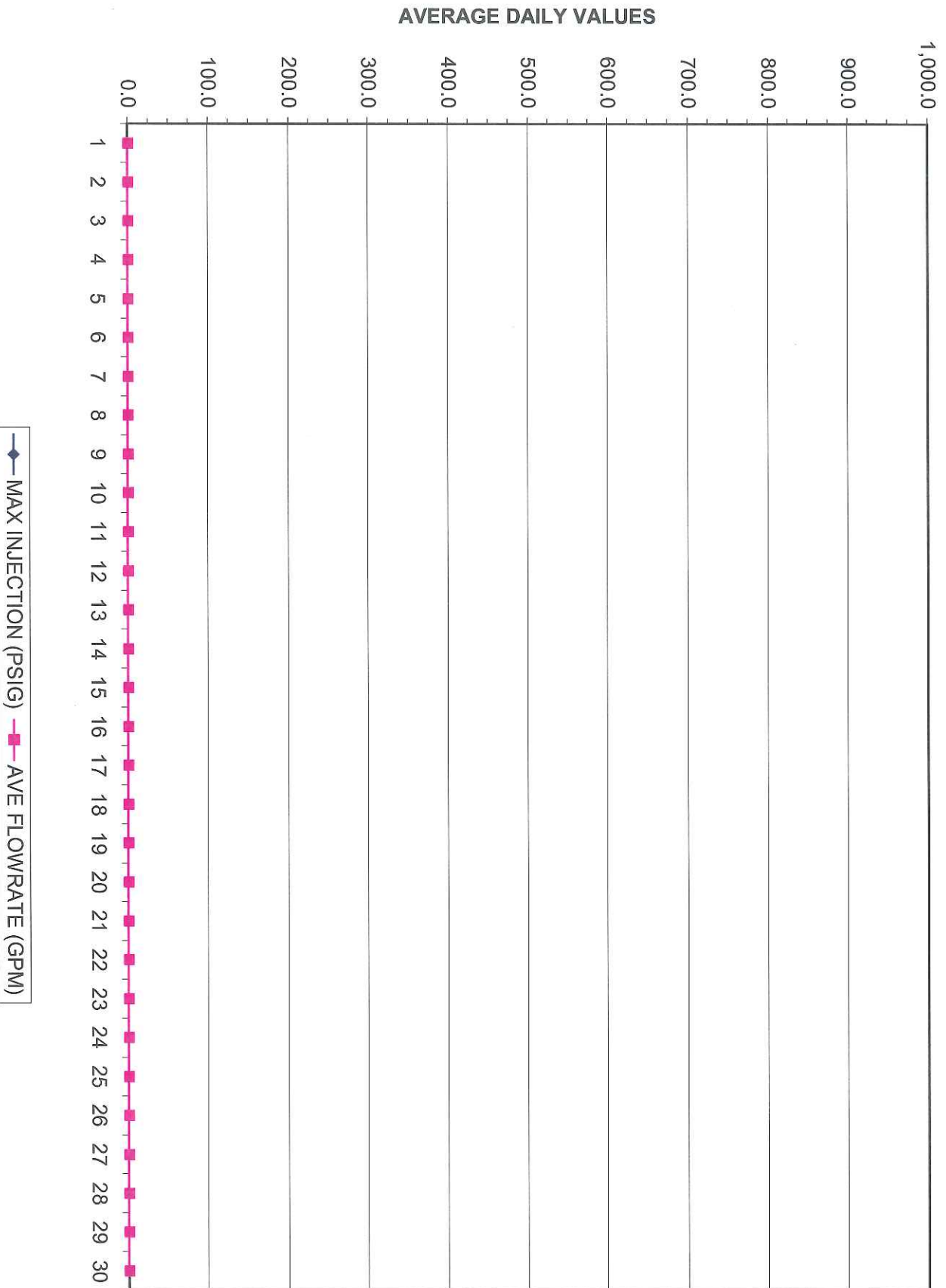
7/31/08	0	0	93	0	0
8/31/08	0	0	93	0	0
9/30/08	0	0	93	0	0
10/31/08	0	0	93	0	0
11/30/08	0	0	0	0	0
12/31/08	0	0	0	0	0
1/30/09	0	0	0	0	0
7/31/06	0	0	0	0	0
8/31/06	0	0	0	0	0
2/28/09	0	0	0	0	0
3/30/09	0	0	0	0	0
4/30/09	165	0	0	0	0
5/31/09	0	0	165	0	165
6/30/09	95	0	165	0	165
7/31/09	0	0	260	0	260
					0
					0
					0
					0

CATHAY DEEPWELL DISPOSAL LLC, JULY 09, WELL C007

AVERAGE DAILY VALUES



CATHAY DEEPWELL DISPOSAL LLC, JULY 09, WELL C008



ANNULUS TANK FLUID LEVEL

Tank Capacity for WELL C007 - 800 GAL

Tank Capacity for WELL C008 - 250 GAL

